

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A positioning and alignment device comprising:
 - [[a.]] a) a positioning object with a first transmitter and a first receiver for transmitting positioning signals to a target object and for receiving alignment signals from the target object when the positioning object and the target object are laterally aligned in a communication path between the positioning object and the target object;
 - [[b.]] b) a second transmitter and a second receiver for transmitting the alignment signals from the target object and for receiving the positioning signals at the target object, when the positioning object and the target object are aligned in the communication path between the positioning object and the target object; and
 - [[c.]] c) an indicator for indicating when the positioning object and the target object are aligned ~~and for monitoring the trajectory of the positioning object~~ as the positioning object is moved through a trajectory in the communication path between the positioning object and the target object and towards the target object.
2. (Previously Presented) The positioning and alignment device of claim 1, wherein the first transmitter is a laser for generating laser light positioning signals and the second receiver is a photo-sensor for detecting the laser light positioning signals.
3. (Previously Presented) The positioning and alignment device of claim 2, further comprising a first optical configuration for projecting the laser light into an elongated laser beam.
4. (Previously Presented) The positioning and alignment device of claim 3, further comprising a second optical configuration for filtering background light from the second receiver.

- 1 5. (Previously Presented) The positioning and alignment device of claim 1, wherein the
2 second transmitter is a radio-frequency generator for generating radio alignment signals
3 and the first receiver is a radio-frequency receiver for detecting the radio frequency
4 alignment signals.

1 6. (Previously Presented) The positioning and alignment device of claim 1, wherein the
2 indicator comprises a display element.

1 7. (Previously Presented) The positioning and alignment device of claim 6, wherein the
2 display element is configured to generate light.

1 8. (Previously Presented) The positioning and alignment device of claim 1, wherein the first
2 transmitter and the first receiver are configured to detachably couple to the positioning
3 object.

1 9. (Previously Presented) The positioning and alignment device of claim 1, wherein the
2 second transmitter and the second receiver are configured to be removably positioned
3 near the target object.

1 10. (Currently Amended) A system for tracking a trajectory of an object relative to a target
2 area, the system comprising:
3 [[a.]] a) means for generating positioning signals to the target and from the object
4 in a direction corresponding to the trajectory of the object in a path
5 between the object and the target area;
6 [[b.]] b) means for detecting the positioning signals at the target area when the
7 object is laterally aligned with the target area and in a path between the
8 object and the target area;
9 [[d.]] c) means for generating the alignment signals at the target area when the
10 positioning signals are detected; and
11 [[c.]] d) means for detecting the alignment signals at the object.

- 1 11. (Original) The system of claim 10, wherein the means for generating positioning signals
2 comprises a laser device.
- 1 12. (Original) The system of claim 11, wherein the laser device is configured to emit an
2 elongated laser beam.
- 1 13. (Original) The system of claim 12, wherein the means for detecting the positioning
2 signals is configured to detect the axial alignment of the object.
- 1 14. (Original) The system of claim 10, wherein the means for detecting the positioning
2 signals comprises a photo-detector device.
- 1 15. (Original) The system of claim 14, wherein the photo-detector device is configured to
2 selectively detect laser light.
- 1 16. (Original) The system of claim 10, wherein the means for generating the alignment
2 signals comprises a radio-frequency transmitter.
- 1 17. (Original) The system of claim 16, wherein the means for detecting the alignment signals
2 comprises a radio frequency receiver.
- 1 18. (Original) The system of claim 10, further comprising means to communicate when the
2 trajectory of the object is laterally aligned with the target.
- 1 19. (Original) The system of claim 18, wherein the means to communicate comprises a light
2 display element.
- 1 20. (Currently Amended) A positioning and alignment system for monitoring a trajectory of
2 an object along a path towards a target, the system comprising:
3 [[a.]] a) a target unit for positioning near the target; and
4 [[b.]] b) a positioning unit for coupling to the object, wherein the positioning unit
5 communicates a positioning signal to the target unit along the path and the
6 target unit communicates an alignment signal to the positioning unit along

7 the path when the positioning unit and the target unit are in alignment and,
8 wherein the system monitors the trajectory of the object as the object
9 moves along the path towards the target, wherein the positioning unit is
10 configured to illuminate light when the target unit communicates the
11 alignment signal to the positioning unit.

1 21. (Canceled).

1 22. (Original) The positioning and alignment system of claim 20, wherein the positioning
2 unit comprises an optical transmitter for communicating with the target unit.

1 23. (Original) The positioning and alignment system of claim 20, wherein the target unit
2 comprises a radio transmitter for communicating with the positioning unit.

1 24. (Original) The positioning and alignment system of claim 20, wherein the positioning
2 unit is configured to couple to a golfing putter and the target unit is configured to be
3 positioned near a golf ball target, wherein the positioning and alignment system monitors
 positioning and alignment of a golfer's putting trajectory.

1 25 (Currently Amended) A system for monitoring the alignment of an object with a target,
2 the system comprising means for providing a two-way communication path between the
3 object and target, the means for providing the two-way communication comprising:
4 a) a positioning unit for detachably coupling to the object, the positioning
5 unit comprising a first transmitter, first receiver and an indicator; and
6 b) a target unit for positioning near or at the target, the target unit comprising
7 a second transmitter and second receiver, wherein the first transmitter, the
8 first receive, the second transmitter and the second receiver provide the
9 two-way communication path between the object and the target for
10 monitoring the alignment of object and wherein the indicator provides an
11 indication when the object is laterally moved in or out of a trajectory along
12 the two-way communication path.

- 1 26. (New) A positioning and alignment system for monitoring a trajectory of an object along
2 a path towards a target, the system comprising:
3 a) a target unit for positioning near the target; and
4 b) a positioning unit for coupling to the object, wherein the positioning unit
5 communicates a positioning signal to the target unit along the path and the target
6 unit communicates an alignment signal to the positioning unit along the path
7 when the positioning unit and the target unit are in alignment and, wherein the
8 system monitors the trajectory of the object as the object moves along the path
9 towards the target, wherein the positioning unit comprises an optical transmitter
10 for communicating with the target unit.

- 1 27. (New) A positioning and alignment system for monitoring a trajectory of an object along
2 a path towards a target, the system comprising:
3 a) a target unit for positioning near the target; and
4 b) a positioning unit for coupling to the object, wherein the positioning unit
5 communicates a positioning signal to the target unit along the path and the target
6 unit communicates an alignment signal to the positioning unit along the path
7 when the positioning unit and the target unit are in alignment and, wherein the
8 system monitors the trajectory of the object as the object moves along the path
9 towards the target, wherein the target unit comprises a radio transmitter for
10 communicating with the positioning unit.